

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L15 | 2429 | 324/332,333,334,335,336,337,338,339,340,341,342,343.ccls. 175/50.ccls. 702/7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 09:59 |
| L16 | 83 | ("0057210" "0079899" "0085707" "0184302" "0184304" "0184488" "0200029" "0229450" "0046560" "0046561" "0108853" "0124841" "0083063" "4766384" "4319191" "5406206" "5115198" "5235285" "5508616" "5517464" "5757191" "5781436" "6044325" "6147496" "6163155" "6181138" "6297639" "6304086" "6351127" "6380744" "6476609" "6541979" "6556015" "6557794" "6566881" "6573222" "6584408" "6594584" "6624634" "6630830" "6667620" "6937022").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 09:59 |
| L17 | 2486 | L15 L16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 09:59 |
| L18 | 35 | L17 AND (tilt transverse) AND "real time" AND (fit\$4) AND (rotat\$3 rotational rotary angular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 10:50 |
| L19 | 5 | L17 AND (tilt transverse) AND "real time" AND (fit\$4) AND (rotat\$3 rotational rotary angular) AND geosteer\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 10:08 |

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|-----|------|---|---|----|----|------------------|
| L20 | 26 | (US-20040100263-\$ or US-20050083063-\$ or US-20040017197-\$ or US-20030085707-\$ or US-20040222019-\$ or US-20030030439-\$ or US-20050140373-\$ or US-20040155660-\$ or US-20040124841-\$ or US-20030051914-\$ or US-20030055565-\$).did. or (US-6911824-\$ or US-6304086-\$ or US-4980643-\$ or US-6163155-\$ or US-6181138-\$ or US-6819111-\$ or US-6584408-\$ or US-6794875-\$ or US-6885947-\$ or US-6476609-\$ or US-4360777-\$ or US-6998844-\$ or US-6969994-\$ or US-6636045-\$).did. or (US-3187252-\$).did. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 10:12 |
| L21 | 2429 | 324/332,333,334,335,336,337,338, 339,340,341,342,343.ccls. 175/50.ccls. 702/7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 10:12 |
| L22 | 135 | L21 AND (fourier FFT) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 10:26 |
| L23 | 8 | L22 AND L20 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 10:12 |
| L24 | 91 | L21 AND ((fourier NEAR2 transform) FFT) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 10:49 |

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| L25 | 83 | ("0057210" "0079899" "0085707" "0184302" "0184304" "0184488" "0200029" "0229450" "0046560" "0046561" "0108853" "0124841" "0083063" "4766384" "4319191" "5406206" "5115198" "5235285" "5508616" "5517464" "5757191" "5781436" "6044325" "6147496" "6163155" "6181138" "6297639" "6304086" "6351127" "6380744" "6476609" "6541979" "6556015" "6557794" "6566881" "6573222" "6584408" "6594584" "6624634" "6630830" "6667620" "6937022").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 10:49 |
| L26 | 55 | ("0057210" "0079899" "0085707" "0184302" "0184304" "0184488" "0200029" "0229450" "0046560" "0046561" "0108853" "0124841" "0083063" "4766384" "4319191" "5406206" "5115198" "5235285" "5508616" "5517464" "5757191" "5781436" "6044325" "6147496" "6163155" "6181138" "6297639" "6304086" "6351127" "6380744" "6476609" "6541979" "6556015" "6557794" "6566881" "6573222" "6584408" "6594584" "6624634" "6630830" "6667620" "6937022").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 11:01 |
| L27 | 35 | (L17 L26) AND (tilt transverse) AND "real time" AND (fit\$4) AND (rotat\$3 rotational rotary angular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 10:50 |
| L28 | 42 | ("20020057210" "20020079899" "20030085707" "20030184302" "20030184304" "20030184488" "20030200029" "20030229450" "20040046560" "20040046561" "20040108853" "20040124841" "20050083063" "4766384" "4319191" "5406206" "5115198" "5235285" "5508616" "5517464" "5757191" "5781436" "6044325" "6147496" "6163155" "6181138" "6297639" "6304086" "6351127" "6380744" "6476609" "6541979" "6556015" "6557794" "6566881" "6573222" "6584408" "6594584" "6624634" "6630830" "6667620" "6937022").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 11:04 |

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|-----|------|--|---|----|----|------------------|
| L29 | 41 | ("2002057210" "20020079899" "20030085707" "20030184302" "20030184304" "20030184488" "20030200029" "20030229450" "20040046560" "20040046561" "20040108853" "20040124841" "20050083063" "4766384" "4319191" "5406206" "5115198" "5235285" "5508616" "5517464" "5757191" "5781436" "6044325" "6147496" "6163155" "6181138" "6297639" "6304086" "6351127" "6380744" "6476609" "6541979" "6556015" "6557794" "6566881" "6573222" "6584408" "6594584" "6624634" "6630830" "6667620" "6937022").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 11:05 |
| L30 | 9 | L28 AND fit\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/03/30 11:04 |
| S1 | 17 | "709212" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 10:18 |
| S2 | 2 | 324/332,333,334,335,336,337,338,339,340,341,342,343.ccls. AND 175/50.ccls. AND 702/7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 10:19 |
| S3 | 2428 | 324/332,333,334,335,336,337,338,339,340,341,342,343.ccls. 175/50.ccls. 702/7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 10:20 |
| S4 | 182 | S3 AND tilt\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 14:53 |
| S5 | 0 | S3 AND tilt\$3 AND azimuth\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 10:53 |

EAST Search History

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|-----|------|---|---|----|----|------------------|
| S6 | 96 | S3 AND tilt\$3 AND azimuth\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 11:13 |
| S7 | 15 | S3 AND tilt\$3 AND azimuth\$2 AND fitting | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 11:47 |
| S8 | 22 | S3 AND tilt\$3 AND azimuth\$2 AND fit\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 15:24 |
| S9 | 59 | S3 AND convergence | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 14:42 |
| S10 | 83 | ("0057210" "0079899" "0085707" "0184302" "0184304" "0184488" "0200029" "0229450" "0046560" "0046561" "0108853" "0124841" "0083063" "4766384" "4319191" "5406206" "5115198" "5235285" "5508616" "5517464" "5757191" "5781436" "6044325" "6147496" "6163155" "6181138" "6297639" "6304086" "6351127" "6380744" "6476609" "6541979" "6556015" "6557794" "6566881" "6573222" "6584408" "6594584" "6624634" "6630830" "6667620" "6937022").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 14:42 |
| S11 | 135 | S3 AND (fourier FFT) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 14:59 |
| S12 | 2485 | S3 S10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 14:59 |

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| S13 | 472 | S12 AND fit\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 15:01 |
| S14 | 63 | S12 AND fit\$3 AND (dip asimuth\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/28 15:15 |
| S15 | 44 | S12 AND fit\$3 AND (dip asimuth\$3) AND (rotat\$3 rotational rotary angular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 15:24 |
| S16 | 2428 | 324/332,333,334,335,336,337,338, 339,340,341,342,343.ccls. 175/50.ccls. 702/7.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 14:10 |
| S17 | 83 | ("0057210" "0079899" "0085707" "01 84302" "0184304" "0184488" "020002 9" "0229450" "0046560" "0046561" "0 108853" "0124841" "0083063" "47663 84" "4319191" "5406206" "5115198" " 5235285" "5508616" "5517464" "5757 191" "5781436" "6044325" "6147496" "6163155" "6181138" "6297639" "63 04086" "6351127" "6380744" "647660 9" "6541979" "6556015" "6557794" "6 566881" "6573222" "6584408" "65945 84" "6624634" "6630830" "6667620" " 6937022").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 14:10 |
| S18 | 2485 | S16 S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 14:10 |
| S19 | 965 | S18 AND cross | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 14:10 |

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| S20 | 429 | S18 AND (tilt transverse) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 15:23 |
| S21 | 112 | S18 AND (tilt transverse) AND "real time" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 14:13 |
| S22 | 40 | S18 AND (tilt transverse) AND "real time" AND (fit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/30 09:58 |
| S23 | 0 | S18 AND "on the fly" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 14:44 |
| S24 | 6 | S18 AND "on-the-fly" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 14:44 |
| S25 | 182 | S16 AND tilt\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 15:23 |
| S26 | 279 | S20 NOT S25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 15:23 |
| S27 | 38 | S18 AND (transverse) AND "real time" AND (fit\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 15:24 |

EAST Search History

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|-----|----|--|---|----|----|------------------|
| S28 | 44 | S18 AND fit\$3 AND (dip asimuth\$3) AND (rotat\$3 rotational rotary angular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/29 15:24 |
|-----|----|--|---|----|----|------------------|